

MARIN COUNTY HAZARDOUS & SOLID WASTE MANAGEMENT
JOINT POWERS AUTHORITY

Board of Directors Meeting

Thursday, August 23, 2012
Marin Municipal Water District
220 Nellen Avenue, Corte Madera
9:00 -10:00 AM
AGENDA

Call to Order.

Regular Agenda

1. JPA Board Meeting Minutes from May 24, 2012. (Action)
2. JPA Board Chair, Vice Chair, and Executive Committee Appointments. (Action)
3. Single Use Bag Subcommittee Update. (Oral Report/Action)
4. Local Task Force Workplan. (Receive and File)
5. Request for Qualifications (RFQ) for Zero Waste Outreach/Advertising Contractor. (Action)

Consent Calendar

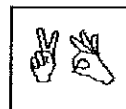
6. CalRecycle Siting Element for Marin County. (Receive and File)
7. CalRecycle 2011 Annual Report for Marin County. (Receive and File)
8. Zero Waste Grants Update. (Receive and File)

End Consent Calendar

9. Staff Report on Recent and Ongoing Activities. (Information)
10. Open Time.
11. The next scheduled JPA Board Meeting is To Be Determined.
12. Adjourn.

The full agenda including staff reports can be viewed at www.marinrecycles.org/mins_agendas.cfm

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Contact the County's Waste Management Division, at (415) 473-6647 for more information

**MARIN COUNTY HAZARDOUS & SOLID WASTE
MANAGEMENT JOINT POWERS AUTHORITY**

Board of Directors Meeting
Thursday May 24, 2012
Marin Municipal Water District.
220 Nellen Avenue, Corte Madera

MINUTES

MEMBERS PRESENT

George Rodericks, Belvedere (Chair)
Matthew Hymel, County of Marin
Dan Schwarz, Larkspur
Adam Polizter, Sausalito
Michael Rock, Fairfax
Jim McCann, Mill Valley
Michael Frank, Novato
David Bracken, Corte Madera

Members Absent

Debra Stutsman, San Anselmo
Nancy Mackle, San Rafael
Margaret Curran, Tiburon

STAFF PRESENT

Michael Frost, JPA Staff
Steve Devine, JPA Staff
Alex Soulard, JPA Staff

OTHERS PRESENT

Dee Johnson, Novato Sanitary Dist
Beverly James, Novato Sanitary Dist.
Patty Garbarino, Marin Sanitary Svc.
John Lippitt, San Rafael Fire
Courtney Bell, San Rafael Fire
Casey Mazzoni, Public
Andy Campbell, Renew Computers
Pat Thompson, Ross
David Schnapf, Marin Conservation League
Jim Schutz, San Rafael
Cory Bytof, San Rafael
Renee Goddard, JPA LTF
Namar HanBennett, LCC

Call to Order The JPA Board meeting came to order at 9:03 AM.

1. JPA Board Meeting Minutes from January 26, 2012

M/s Frank, Hymel to approve the minutes from the January 26, 2012 JPA Board meeting. The motion passed unanimously.

2. JPA Coordination of a Single Use Bag Ordinance Environmental Review

Staff provided a report on a proposal for the JPA to coordinate an environmental review of a Single Use Bag Ordinance. Staff identified that during the April 26, 2012 Executive Committee meeting a Subcommittee comprised of members Mackle and McCann was formed to further explore the bag ordinance issue brought up during the Executive Committee review of the FY 12-13 JPA Budget and fee schedule. David Zaltsman from Marin's County Counsel's office provided a review of the Marin County Single Use Bag Ordinance and the lawsuit by the Save the Plastic Bag Coalition. He also fielded questions from the JPA Board. Mr. Zaltsman identified that the Supreme Court ruling in favor of the City of Manhattan Beach did not put the bag ordinance issue to rest and suggested that the Save the Plastic Bag Coalition is not likely to give up. Mr. Zaltsman noted that developing an Environmental Impact Report (EIR) would provide more protection should a lawsuit be filed. Board Members expressed concern about litigation. Mr. Hymel and Mr. McCann stated that more time should be given to the Plastic Bag Subcommittee to review this issue and bring forward more information at a later time. M/s Hymel, McCann to continue work with County Counsel, the city attorneys and the Subcommittee comprised of members Mackle and McCann provide further direction to the Board in the future. Also, not to include the \$50,000 for the EIR in the budget,

noting that reserve funds could be made available at a later time for an EIR, should it be deemed desirable. The motion passed unanimously.

3. Audit and Financial Statements for Year Ending June 30, 2011

Staff reported on the Financial Statement and the Auditors Report from Maher Accountancy. Staff identified budget deficits have been resolved through a fund center transfer and noted the recommendation from the Audit to update the staffing contract with the County, and that Staff is still waiting on a response from CalRecycle regarding the \$300,000 Household Hazardous Waste infrastructure grant. No public comment was received. M/s Rodericks, Rock to accept the Audit and report. The motion passed unanimously.

4. FY 12-13 Budget Contract and Fee Schedule Approval

Staff reported on the proposed Budget and Fee Schedule, and identified that HHW Facility costs remain steady and that ongoing work regarding the Zero Waste Program which includes the Zero Waste Grants continue to be successful. It was also noted that two equity transfers are necessary for the FY 11-12 budget to satisfy the Audit. The two transfers were identified as \$53,011 from Administration to Zero Waste, and \$59,002 from Zero Waste to Household Hazardous Waste. Staff noted that JPA staffing is provided at a fixed cost via a contracted service level. No public comment was received. M/s Hymel, Rock to approve budget Option B (which does not include \$50,000 for an environmental review of a single use bag ban), approve the FY 11-12 equity transfers, authorize the Chair to sign JPA Resolution 2012-2, approve budget, contract and fee schedule. The motion passed unanimously.

5. Approval of JPA Taking Responsibility for Used Oil Payment Program

Staff reported on a proposal for the JPA to take over responsibility of the CalRecycle Used Oil Payment Program from the Marin County Stormwater Pollution Prevention Program. Staff provided an overview of the grant program and answered questions from the Board. No public comment was received. M/s Rock, McCann authorizing the JPA Chair to sign JPA Resolution 2012-3. The motion passed unanimously.

6. Acceptance of CalRecycle Beverage Container Grant

M/s Hymel, Politzer to approve the grant funding and authorize Executive Director to make necessary budget adjustments. The motion passed unanimously.

7. Bulb and Battery Contract Signature Authority

M/s Hymel, Politzer to approve the grant funding and authorize JPA Chair to enter into an HHW service contract for the Bulb & Battery Program, not to exceed \$40,000, pending budget approval. The motion passed unanimously.

8* (Moved to end of Regular Agenda after Item # 5) Zero Waste Grant Applications

Staff provided a report on the ten FY 11-12 Zero Waste Grant Applications and provided an overview of the type of applications received. Copies of applications from Fairfax, Mill Valley and Sausalito – which were received after the Agenda was printed, were distributed at the meeting. Staff fielded questions from the Board and the public and noted that grant funding would roll over to the next year for those applicants who did not apply for a grant. M/s Schwarz, Politzer to approve the applications and authorize the Executive Officer to execute the grant agreements. The motion passed unanimously.

9. Staff Report on Recent and Ongoing Activities

Staff provided a report regarding ongoing JPA activities which included; the collection from all necessary JPA affiliated members of their Conflict of Interest Form 700's, a very successful HHW collection day in Pt. Reyes coordinated by San Rafael Fire Dept., the ongoing Zero Waste Marin

Campaign, and noted the June 6th LTF meeting will take place at the Redwood Landfill in Novato which will include a facility tour. No public comment was received.

10. Open Time

Staff noted that at the next JPA meeting a new Vice-Chair will need to be elected as the current position filled by Mr. Rock for the City of Fairfax will be vacant. No comments from the public were received.

11. The next scheduled JPA Board Meeting is To Be Determined

12. Adjourn.

MARIN COUNTY HAZARDOUS AND SOLID WASTE MANAGEMENT JOINT POWERS AUTHORITY

Belvedere:
Vacant

Date: August 23, 2012

Corte Madera:
David Bracken

To: JPA Board Members

County of Marin:
Matthew Hymel

From: Michael Frost, Executive Officer

Fairfax:
Judy Anderson

Re: JPA Board Chair, Vice Chair and Executive Committee
Appointments

Larkspur:
Dan Schwarz

Due to the resignations of George Rodericks as the Belvedere City Manager and Michael Rock as the Fairfax Town Manager the positions of JPA Chair and Vice Chair are currently vacant. The JPA Board should first fill the Southern Marin Cities and the Ross Valley Cities positions on the Executive Committee, then select a new JPA Chair and Vice Chair from the Executive Committee members.

Mill Valley:
Jim McCann

Novato:
Michael Frank

The JPA Agreement specifies composition of the Executive Committee in section 7.3b of the Agreement:

Ross:
Rob Braulik

The Executive Committee shall be composed of the Chair, Vice-Chair plus three other members of the Governing Board elected by the Board. Three of the committee members must be from the County, San Rafael, and Novato. One representative shall be selected by the Southern Marin Cities of Sausalito, Tiburon, Belvedere, and Mill Valley. One representative shall be selected by the Ross Valley Cities of Ross, San Anselmo, Fairfax, Larkspur, and Corte Madera.

San Anselmo:
Debbie Stutsman

San Rafael:
Nancy Mackle

Sausalito:
Adam Politzer

The current makeup of the JPA Executive Committee is:

Tiburon:
Margaret Curran

- Representative of Southern Marin Cities, Vacant
- Representative of Ross Valley Cities, Vacant
- Representative of the City of Novato, Michael Frank
- Representative of the County, Matthew Hymel
- Representative of the City of San Rafael, Nancy Mackle

Recommendation:

It is recommended that your Board elect new representatives of Southern Marin Cities and Ross Valley Cities and appoint two of the Executive Committee Members as the JPA Chair and Vice Chair.

Attachment: JPA Agreement Sections 7.2d and 7.3b

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ARTICLE 7: ORGANIZATION OF AUTHORITY

7.1 Members

- a. The County, Cities and Towns may enter into this Agreement by July 1, 1996.
- b. The County, and any City or Town may be considered for membership in the Authority after July 1, 1996, by presenting an adopted resolution to the Board which includes a request to become a member of the Authority and Board and upon a majority affirmative vote of a quorum of the Board accepting the County, City or Town and upon payment of any charges and upon satisfaction of any conditions established by the Board as a prerequisite for membership.

7.2 Board

- a. The Authority shall be governed by the "Board" which shall exercise all powers and authority on behalf of the Authority.
- b. The Board shall consist of one member of the governing body or the chief administrative officer of the County and each of the Cities and Towns which are party to this Agreement. Upon execution of this Agreement, the governing body of the County and each of the Cities and Towns shall appoint its member of the Board and another member to serve as an alternate to the Board, to serve in the absence of the regular member. Each member and alternate shall serve at the pleasure of the governing body of the appointing agency. Any change in appointment of a member or alternate shall be by action of the governing body of the appointing agency.
- c. A majority of the members of the Board shall constitute a quorum for the transaction of business. The Authority shall act upon majority vote of those in attendance, each member having one vote, of the members of the Board.
- d. The Board shall elect by majority vote, from its members, a Chair and Vice Chair. The Chair shall represent the Authority and execute any contracts and other documents when required by the Rules of Procedure and/or By-Laws. The Vice-Chair shall serve in the absence of the Chair.

7.3 Executive Committee

- a. The Executive Committee shall be responsible to the Board for the administration and management of Authority affairs, for the provision of assistance and advice to the Board.
- b. The Executive Committee shall be composed of the Chair and Vice-Chair plus three other members of the Governing Board elected by the Board. Three of the

committee members must be from the County, San Rafael, and Novato. One representative shall be selected by the Southern Marin cities of Sausalito, Tiburon, Belvedere and Mill Valley. One representative shall be selected by the Ross Valley cities of Ross, San Anselmo, Fairfax, Larkspur and Corte Madera.

- c. Three members of the Executive Committee shall constitute a quorum for the transaction of business. No action shall be taken by the Executive Committee except upon a majority affirmative vote of the quorum (each member having one vote) of the members of the Executive Committee.
- d. Members shall serve two-year terms and may be reappointed.

7.4 Additional Committees

- a. The member agencies shall establish an AB 939 Local Task Force whose composition, duties and authority are described in Public Resource Code Section 40950. The Task Force so established shall be advisory to the Governing Board established under this Agreement.
- b. The AB 939 Local Task Force shall include at least two representatives of waste haulers, one representative of an environmental organization, two representatives of special districts involved in the regulation and disposal of waste, and five public representatives appointed by the member agencies serving on the Executive Committee established under this Agreement.
- c. In addition to the Executive Committee and an AB 939 Local Task Force, the Board may from time to time establish additional committees to carry out Authority purposes, and appoint committee members from the Board, the legislative bodies or administration of member agencies, Authority staff, and/or staff of the member agencies. The Board may also establish and appoint members to citizen's advisory committees as deemed appropriate.
- d. To the extent practical, the Board shall appoint members to committees in such a manner as to encourage the broadest possible participation of the member agencies.

ARTICLE 8: MEETINGS AND REPORTS

8.1 Board Meetings

- a. The Board shall hold at least one (1) regular meeting each year as determined by the by-laws.
- b. Special meetings of the Board may be called in accordance with the provision of Section 54956 of the California Government Code.

MARIN COUNTY HAZARDOUS AND SOLID WASTE MANAGEMENT JOINT POWERS AUTHORITY

Belvedere: Date: August 23, 2012
Vacant

Corte Madera: To: JPA Board Members
David Bracken

From: Steve Devine, Program Manager

County of Marin:
Matthew Hymel

Re: Single Use Bag Subcommittee Update

Fairfax:
Judy Anderson

At the April 26th JPA Executive Committee meeting, a Single Use Bag Subcommittee was formed (comprised of Board Members Mackle and McCann). The Subcommittee was formed in conjunction with a recommendation by the Executive Committee to not include funds in the FY 2012-13 JPA Budget for an environmental review of a model single use bag ordinance.

Larkspur:
Dan Schwarz

Mill Valley:
Jim McCann

Novato:
Michael Frank

The Subcommittee met on May 8th and received an update from David Zaltsman of Marin's County Counsel on the County's ordinance and litigation.

Ross:
Rob Braulik

The Subcommittee met again on August 15th to review more recent developments and this meeting included conferring with Jennie Romer of plasticbaglaws.org who specializes in advising municipalities on bag ordinances, legislation and litigation. At the meeting the Subcommittee also received input from David Zaltsman (Marin County Counsel), Eric Davis (San Rafael City Attorney's office), San Rafael City staff and JPA staff.

San Anselmo:
Debbie Stutsman

San Rafael:
Nancy Mackle

Sausalito:
Adam Politzer

Tiburon:
Margaret Curran

The Subcommittee considered information on the pros and cons of various levels of environmental review for a potential "model single use bag ordinance" and a "model environmental review" for use by the Member Cities and Towns – which could take the form of a categorical exemption, negative declaration/initial study or environmental impact report.

To move forward on this issue, the Subcommittee is recommending the JPA issue a Request for Proposals for professional assistance to prepare an environmental review for a model single use bag ordinance (without modifying the JPA budget at this time) – but also continue to monitor developments on AB 289, and legal developments on litigation regarding Marin County's and San Francisco's bag ordinances. This approach would allow for the JPA to be farther along in potentially fostering expansion of single use bag bans within the County regardless of what developments take place in the next few months.

The Subcommittee will provide an oral update to the Board supplementing this agenda report.

MARIN COUNTY HAZARDOUS AND SOLID WASTE MANAGEMENT JOINT POWERS AUTHORITY

Recommendation:

Authorize the Executive Officer to issue a Request for Proposals for California Environmental Quality Act (CEQA) consulting services related to the development of a "model single use bag ordinance" and associated environmental review (of an exact type yet to be determined) – with authorization for funding for such a project subject to a future recommendation from the Subcommittee to the JPA Board which will continue to monitor legislative and litigation issues related to this matter.

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MARIN COUNTY HAZARDOUS AND SOLID WASTE MANAGEMENT JOINT POWERS AUTHORITY

Belvedere:
Vacant

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San Anselmo:
Debbie Stutsman

San Rafael:
Nancy Mackle

Sausalito:
Adam Politzer

Tiburon:
Margaret Curran

Date: August 23, 2012

To: JPA Board Members

From: Steve Devine, Program Manager

Re: Local Task Force Workplan

At its August 1, 2012 meeting, the JPA's Local Task Force voted on identifying the following program and project as their focus for FY 2012-13:

Pilot project:

- A pilot project regarding the recycling of asphalt shingles for use in paving proposed by the Marin Builders Association. This project will need to be described in more detail by the LTF before appearing before the JPA Board or Executive Committee for any action.

Workplan items:

- Construction and demolition debris.
- Revision of the Legislation Platform.
- Extended Producer Responsibility (EPR): plastic bags, bulbs, batteries and sharps.
- Expanding sharps and pharmaceuticals collection opportunities.
- Review of long-term funding.
- Community outreach.

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MARIN COUNTY HAZARDOUS AND SOLID WASTE MANAGEMENT JOINT POWERS AUTHORITY

Belvedere:
Vacant

Date: August 23, 2012

Corte Madera:
David Bracken

To: JPA Board Members

County of Marin:
Matthew Hymel

From: Michael Frost, Executive Officer

Fairfax:
Judy Anderson

Re: Request for Qualifications (RFQ) for Zero Waste
Outreach/Advertising Contractor

Larkspur:
Dan Schwarz

Mill Valley:
Jim McCann

Novato:
Michael Frank

The Zero Waste Outreach program was established in FY 10/11 and has been allocated \$200,000 in the JPA Budget for 3 years. The JPA is currently wrapping up its second year of contracting with the Hive Advertising. Staff and the Board have generally been satisfied with the outreach efforts the contractor has produced and staff has been pleased with the contractor's responsiveness to various issues. However, there has been feedback from some Local Task Force members that the program is not focused enough on engaging community groups, and lacks a public relations strategy.

Ross:
Rob Braulik

JPA staff would like to release a new Request for Qualifications (RFQ) to determine what approach other contractors might take to help reach the JPA's Zero Waste Goals. In addition to requesting public relations and community group engagement the RFQ will also focus on having contractors set goals for measurable performance and success.

San Anselmo:
Debbie Stutsman

San Rafael:
Nancy Mackle

Sausalito:
Adam Politzer

The JPA will work with CalRecycle staff and other local recycling and zero waste agencies to ensure distribution of the RFQ to as many outreach contractors as possible. Staff will also encourage the current contractor to respond to the RFQ, as their work has been well received by most stakeholders in the past.

Tiburon:
Margaret Curran

Staff is proposing the following structure for the selection process. Following submittal of RFQ responses an initial review and grading will be conducted by staff and two LTF members to certify the top three firms responding. Those three firms will then be interviewed by a panel consisting of the JPA Chair, the LTF Chair, JPA Staff members, and an outside zero waste/recycling expert from a municipality within the Bay Area. Following selection of a Contractor, Staff will develop a contract which will be brought to your Executive Committee for approval.

Recommendation:

JPA staff requests that your Board authorize the Executive Officer to release an RFP for Outreach and Advertising services, utilize the proposed selection process, and return to the JPA Executive Committee with a recommended contractor and proposed contract.

MARIN COUNTY HAZARDOUS AND SOLID WASTE MANAGEMENT JOINT POWERS AUTHORITY

Belvedere:
Vacant

Date: August 23, 2012

Corte Madera:
David Bracken

To: JPA board Members

From: Steve Devine, Program Manager

County of Marin:
Matthew Hymel

Re: CalRecycle Siting Element for Marin County

Fairfax:
Judy Anderson

The Marin County Hazardous and Solid Waste Management Joint Powers Authority monitors the anticipated "site life" of the County's only landfill – Redwood Landfill, as part of statutory requirements outlined in PRC Sections 41700-41721.5 and regulatory requirements outlined 14 CCR Section 18755-18756.7.

Larkspur:
Dan Schwarz

Mill Valley:
Jim McCann

In FY 11-12 the JPA budgeted funding for an analysis on the landfill's site life. The JPA retained Environmental Science Associates to perform the analysis – which is attached.

Novato:
Michael Frank

Ross:
Rob Braulik

The attached analysis includes both a detailed spreadsheet and an explanatory narrative of the work.

San Anselmo:
Debbie Stutsman

As noted in the analysis, Column R of the spreadsheet depicts the current best estimate of the County's remaining landfill capacity. Based on the assumptions in that particular scenario – Redwood Landfill would have approximately 3.1 million tons of capacity remaining in 2027.

San Rafael:
Nancy Mackle

Sausalito:
Adam Politzer

Because the fill rate of the landfill is based on innumerable factors including general economic conditions, particular contracts the landfill may enter into to receive waste, legal decisions and other factors – the JPA will continue to monitor this issue closely, but at this time would not pursue the cost of conducting a full revised Siting Element. This analysis has been included in the 2011 Electronic Annual Report filed with CalRecycle earlier this month.

Tiburon:
Margaret Curran

Attachments

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350 Frank H. Ogawa Plaza
Suite 300
Oakland, CA 94612
510.839.5066 phone
510.839.5825 fax

www.esassoc.com

memorandum

date March 9, 2012

to Steve Devine, Marin County Hazardous and Solid Waste Management Joint Powers Authority

from Dan Sicular

subject Remaining Landfill Capacity Projections

This memo provides a description of the spreadsheet model we prepared, titled, Disposed Waste Projections for Marin County and Remaining Capacity Calculations for Redwood Landfill. The model is used to determine the need for additional disposal capacity for Marin County, and particularly whether such a need will arise within a 15-year period. As we have discussed, the modeling results indicate that the County has sufficient remaining landfill capacity for a period of greater than 15 years.

The following is a column-by-column description of the spreadsheet:

Column B shows the base year for the projections, 2010. The table provides projections through 2027. Extended projections beyond 2027 are shown below the table.

Column C uses information from the California Department of Finance, Demographic Research Unit (Report E-2) as the base year (2010) population figure. Population growth after 2010 is projected based on ABAG projections (ABAG Projections, 2009). The 5-year increments of population growth rates are shown in Column D. See the Marin Pop and CA Dept Finance E-2 Pop tabs in the spreadsheet for source data.

Column E shows waste generation for the 2010 base year and future years (generation is the sum of all waste disposed plus diverted). The 2010 figure is back-calculated from the diversion rate reported to CalRecycle for 2010 and the reported disposal figure for that year. See the calculations in the Waste Gen Calcs tab in the spreadsheet. Projections are based on the projected population growth rate, as described above.

Column F shows the 2010 base year disposed waste amount, as reported to CalRecycle. Disposed waste projections are based on population growth rate, as described above.

Column G provides projections of the County's diversion rate, expressed as a percentage of generated waste. The 2010 figure is that reported to CalRecycle. Projections are based on achievement of the JPA's short-term 80 percent diversion goal (achieved in 2015) and the long-term goal, expressed in the JPA's Feasibility Study, of 94% ten years later. Diversion is assumed to level out at 94% after 2025.

Columns H and I use the diversion rate projections in Column G and the waste generation projections in Column E to estimate future amounts diverted and disposed, respectively.

Column J provides the year-to-year cumulative total of waste disposed, based on the disposed amounts in Column I.

Columns K and L show the projected waste disposed out-of-County and in-County (at Redwood Landfill) respectively. The amount disposed out-of-County is set at 32 percent of the total disposed, based on the average for Marin for the years 2008-2010, as shown in the Disposal 1995-2010 tab in the spreadsheet. Column M provides the year-to-year cumulative total for projected disposal at Redwood from within Marin County.

Column O provides base year and projected waste amounts disposed at Redwood Landfill from outside Marin County. An analysis of waste coming to Redwood from outside the County in recent years indicates that about 97 percent was from Sonoma County (see the Disp at Redwood tab in the spreadsheet). Therefore, ABAG's projections of Sonoma County population increase, shown in Column N, were used as a basis for projecting future increases in waste disposed at Redwood Landfill originating from outside Marin County.

Column P shows the projections for total amount of waste disposed at Redwood Landfill, combining Marin County and non-Marin County wastes. Column Q provides the year-to-year cumulative total disposed at Redwood Landfill, based on Column P.

Column R provides our best estimate of the County's remaining landfill capacity. This column shows, for 2010, the estimated remaining capacity at Redwood Landfill, in tons, based on the landfill's report of their 2011 capacity survey, which was reported to Marin County Environmental Health Services in November, 2011. This report assumes the total landfill capacity shown in the 2008 Solid Waste Facility Permit. Projections show the year-to-year decrease in capacity, assuming the disposed amounts in Column P. As shown, Redwood Landfill would still have about 3.1 million tons of capacity remaining in 2027. The projection of remaining capacity continues below the table. The projections after 2027 use increases in disposal based on user-defined population growth rates (the highlighted cells in Columns L and O).

Worst Cast Scenarios

Columns T through Z provide several "worst-case" scenarios, which use different assumptions to test whether Redwood Landfill might run out of capacity within 15 years. Column U shows remaining capacity based on the disposal amounts in Column T, which assumes no increase in the diversion rate above the 2010 level, and also assumes that all of Marin County's solid waste would be disposed at Redwood Landfill, along with continued import of waste from outside the County. Under this scenario there would still be about 1.15 million tons capacity remaining at Redwood Landfill in 2027.

Columns W and X show remaining capacity assuming the maximum permitted annual rate of disposal (shown in Column V), and two different assumptions regarding in-place density of waste at the landfill: Column W uses the density factor of .99 tons per cubic yard reported by the landfill; and Column X uses a density factor of .66 tons per cubic yard, which is a more typical density for conventional landfills. Column W shows that, even at the maximum permitted rate of disposal, and assuming the in-place density reported by the landfill, there would still be about .5 million tons of capacity remaining in 2027. Column X shows the landfill running out of capacity in 2023.

Columns Y and Z provide the opportunity for the user to conduct a sensitivity analysis to test different rates of disposal and their effects on remaining landfill capacity. The highlighted user-input field below the table indicates the percent of maximum permitted rate of disposal. Column Z provides remaining capacity, using the more conservative in-place density factor of .66 tons per cubic yard.

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Disposed Waste Projections for Marin County and Remaining Capacity Calculations for Redwood Landfill
 Draft 2-10-2012
 Dan Sicular, ESA
 QA/QC: KGR
 Revised 2-23-12
 Revised 3-9-12
 2/9/2012

Year	Population	5-year Population Change	Generation Adjusted for Growth	Disposal @ current Diversion Rate, Adjusted for Population Growth (2010 figure from annual report)	Diversion Rate (% of Gen), per Authority Goals and Feasibility Study	Amount Diverted	Net Disposed, With Increase	Cumulative Disposed	Disposed Out of County (projections calculated at 32%, based on 3- year avg)	Disposed in County at Redwood	Cumulative Disposed in- County at Redwood	Sonoma County Population Change	Non-Marlin Disposed at Redwood (97%) Sonoma Adj. for Pop Change, 2010 figure is 3-yr avg	Combined Marlin & Non- Marlin Disposed at Redwood
2010	252,767		702,143	180,155	74.3%	521,988	180,155	180,155	57,274	122,881	122,881		181,122	304,003
2011	253,512		703,241	180,686	75.5%	530,762	172,479	352,634	55,565	239,795	239,795		183,207	313,002
2012	254,258		705,312	181,218	76.6%	540,306	165,006	517,640	53,157	351,644	351,644		185,315	320,519
2013	255,007		707,390	181,752	77.7%	549,903	157,487	675,127	50,735	458,396	458,396		187,445	328,036
2014	255,758		709,474	182,287	78.9%	559,551	149,923	825,050	48,298	560,021	560,021		189,600	335,636
2015	256,512	1.481%	711,563	182,824	80.0%	569,251	142,313	967,363	45,847	656,487	656,487	5.575%	201,777	343,263
2016	257,237		713,575	183,341	81.4%	580,850	132,725	1,100,088	42,758	746,454	746,454		203,952	351,416
2017	257,964		715,592	183,859	82.8%	592,510	123,052	1,223,170	39,651	829,885	829,885		206,150	359,566
2018	258,693		717,615	184,379	84.2%	604,232	113,383	1,336,553	36,527	906,741	906,741		208,371	367,937
2019	259,424		719,644	184,900	85.6%	616,015	103,628	1,440,182	33,384	976,985	976,985	5.506%	210,617	376,552
2020	260,158	1.421%	721,678	185,423	87.0%	627,660	93,818	1,534,000	30,224	1,040,580	1,040,580		212,886	385,438
2021	260,805		723,473	185,884	88.4%	639,550	83,923	1,617,923	27,036	1,097,467	1,097,467		215,194	394,642
2022	261,454		725,273	186,346	89.8%	651,295	73,978	1,691,901	23,832	1,147,612	1,147,612		217,526	403,856
2023	262,104		727,077	186,810	91.2%	663,094	63,983	1,755,883	20,612	1,190,983	1,190,983		219,883	413,070
2024	262,758		728,886	187,275	92.6%	674,948	53,938	1,809,821	17,376	1,227,544	1,227,544		222,267	422,284
2025	263,410	1.250%	730,699	187,740	94.0%	686,857	43,842	1,853,663	14,124	1,257,262	1,257,262	5.538%	224,676	431,498
2026	264,065		732,517	188,207	94.0%	688,566	43,851	1,897,614	14,159	1,287,054	1,287,054		227,111	440,712
2027	264,722		734,339	188,676	94.0%	690,278	44,060	1,941,674	14,194	1,316,920	1,316,920		229,572	449,926

	Q	R	S	T	U	V	W	X	Y	Z
1										
2										
3										
4										
Worst Case Scenarios										
5	Cumulative Combined Disposal at Redwood	Remaining Capacity (tons) at Redwood (at end of year)	Combined Marin + non-Marin, no Diversion Increase, no Out of County Disposal	Remaining Capacity (tons) at Redwood, No Diversion Increase	Redwood Maximum Annual Disposal (1,390 tpd, 312 dpy)	Remaining Capacity with Density reported by Redwood, 99 tyd3	Remaining Capacity with more realistic Density .66 tyd3 & Maximum Annual Disposal	Sensitivity Analysis: User Defined % of Max Annual Disp	Remaining Capacity with more realistic Density .66 tyd3 & User-Defined Rate of Disposal	
6	314,002	7,886,660	371,277	7,886,660	433,680	7,886,660	5,258,245	-	5,258,245	
7	624,123	7,576,539	373,892	7,512,768	433,680	7,452,980	4,824,565	303,576	4,954,669	
8	931,287	7,269,376	376,532	7,136,235	433,680	7,019,300	4,390,885	303,576	4,651,093	
9	1,235,484	6,965,178	379,197	6,757,038	433,680	6,585,620	3,957,205	303,576	4,347,517	
10	1,536,709	6,663,954	381,887	6,375,152	433,680	6,151,940	3,523,525	303,576	4,043,941	
11	1,834,952	6,365,710	384,601	5,990,550	433,680	5,718,260	3,089,845	303,576	3,740,365	
12	2,128,871	6,071,791	387,292	5,603,258	433,680	5,284,580	2,656,165	303,576	3,436,789	
13	2,418,451	5,782,211	390,009	5,213,249	433,680	4,850,900	2,222,485	303,576	3,133,213	
14	2,703,679	5,496,984	392,750	4,820,499	433,680	4,417,220	1,788,805	303,576	2,829,637	
15	2,984,540	5,216,123	395,517	4,424,983	433,680	3,983,540	1,355,125	303,576	2,526,061	
16	3,261,020	4,939,642	398,309	4,026,674	433,680	3,549,860	921,445	303,576	2,222,485	
17	3,533,101	4,667,562	401,078	3,625,596	433,680	3,116,180	487,765	303,576	1,918,909	
18	3,800,772	4,399,890	403,872	3,221,724	433,680	2,682,500	54,085	303,576	1,615,333	
19	4,064,026	4,136,636	406,693	2,815,031	433,680	2,248,820	(379,595)	303,576	1,311,757	
20	4,322,854	3,877,808	409,541	2,405,489	433,680	1,815,140	(813,275)	303,576	1,008,181	
21	4,577,248	3,623,415	412,416	1,993,073	433,680	1,381,460	(1,246,955)	303,576	704,605	
22	4,834,150	3,366,512	415,318	1,577,755	433,680	947,780	(1,680,635)	303,576	401,029	
23	5,093,588	3,107,074	418,248	1,159,508	433,680	514,100	(2,114,315)	303,576	97,453	



CIWMP Enforcement Part I: Plan Adequacy

As approved by CalRecycle on November 17, 1993

Countywide Siting Element Adequacy

The following is a discussion of the statutory, regulatory and content adequacy requirements of a Countywide Siting Element (CSE). This section contains what staff will focus on during the review of a CSE to determine and define adequacy.

In each of the following CSE component discussions, the focus is on specific topics to consider when determining whether a CSE is considered adequate. The specific topics in each component are significant and have been selected because those topics can provide the majority of the information necessary for staff to determine whether a plan or element can be deemed adequate.

Countywide Siting Element

Statutes: PRC sections 41700-41721.5

Counties are required to prepare a CSE that describes areas that may be used for developing new disposal facilities. The element also provides an estimate of the total permitted disposal capacity needed for a 15-year period if counties determine that their existing disposal capacity will be exhausted within 15 years or if additional capacity is desired.

Regulations: 14 CCR sections 18755 – 18756.7

These sections clarify and provide guidance to counties that will be preparing their CSE. The CSE is addressed in Article 6.5 that specifies requirements for goals, policies, criteria, location, general plan consistency, strategies for disposal when disposal sites are not available, and an implementation schedule.

Countywide Siting Element Content Adequacy

Facility Description

An adequate CSE contains a description and identification of areas, numbers, and types of new or expanded solid waste disposal and transformation facilities to meet a minimum of 15 years of combined permitted disposal capacity. If new or expanded facilities cannot be established, then a discussion of strategies selected by the local jurisdiction to dispose of the excess solid waste shall be included.

Siting Criteria

The element includes a discussion and description of the siting criteria used in the County's siting process for new or expanded solid waste disposal or transformation facilities. The siting criteria shall address the requirements of 14 CCR section 18756(a)(1-5) that are: environmental considerations, environmental impacts, socio-economic and legal considerations, and any other additional criteria included by jurisdictions that approve the element.

Strategies to Achieve 15-Year Disposal Capacity

The element includes a discussion of how excess solid waste will be handled if new or expanded disposal sites are not available. The discussion also includes the types and quantities of excess waste to be handled, diversion or export programs that would be implemented to handle the excess solid waste, and identification of solid waste disposal or transformation facilities that will be used to implement the strategies. A copy of the export and/or import agreement/contract with a participating jurisdiction is included in the element as well.

Environmental Justice

Senate Bill 1542 (Escutia; statutes of 2002) amended PRC Section 41701 to require a County that amends its CSE on or after January 1, 2003, to include a description of the actions taken by the county to solicit public participation from the communities that could be affected by the change(s), including, but not limited to, minority and low-income populations. While SB 1542 does not prescribe the specific actions that must be taken in order to satisfy the requirement, it did require CalRecycle to provide guidance on the types of actions that could be taken.

Links to Other Resources Related to Environmental Justice:

- 1) Cal/EPA Environmental Justice Recommendations Report to the Interagency Working Group on Environmental Justice. (In particular, see page 17, Goal 1)
- 2) CEQA (In particular, Section 21092)
- 3) California Resources Agency: Environmental Justice Policy
- 4) California Department of Transportation

Countywide Siting Element

5) California Energy Commission

Should you need further assistance or information on amending a CSE, please contact your local assistance staff representative or (916) 341-6199.

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Last updated: May 5, 2004

Local Government Library <http://www.calrecycle.ca.gov/LGCentral/Library/>

Contacts: <http://www.calrecycle.ca.gov/LGCentral/Contacts/default.htm>

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MARIN COUNTY HAZARDOUS AND SOLID WASTE MANAGEMENT JOINT POWERS AUTHORITY

Belvedere:
Vacant

Date: August 23, 2012

Corte Madera:
David Bracken

To: JPA Board Members



County of Marin:
Matthew Hymel

From: Michael Fröst, Executive Officer

Fairfax:
Judy Anderson

Re: CalRecycle 2011 Annual Report for Marin County

Larkspur:
Dan Schwarz

Attached is the summary of the 2011 AB939 Annual Report that was submitted on August 1, 2012 to the Department of Resources Recycling and Recovery (CalRecycle). This is the fifth year the report is in a new format due to regulatory changes that were imposed by SB1016. Although this JPA tracks both diversion and disposal, the reporting system is now solely based on disposal amounts for the reporting year. Disposal is compared with historic data to determine if the 50% diversion requirement is met.

Mill Valley:
Jim McCann

Novato:
Michael Frank

Ross:
Rob Braulik

Marin's 2011 disposal rate was 3.8 pounds per person per day. The rate decreased from 4.9 pounds per person per day in 2007 to a low of 3.8 pounds per person per day in 2009. Although there was a slight increase to 3.9 pounds per person per day in 2010, the disposal rate is back to the low of 3.8 pounds per person per day. This is well below Marin's target rate for 50% diversion is 7.6 pounds per person per day. As long as Marin remains below the 7.6 pound target all jurisdictions remain in compliance with AB939.

San Anselmo:
Debbie Stutsman

San Rafael:
Nancy Mackle

Sausalito:
Adam Politzer

Tiburon:
Margaret Curran

Based on our generation estimates the 3.8 pounds per person per day figure puts Marin at approximately 75% diversion. Due to the current economic situation the past three years there has been a significant reduction in overall waste and recycling tonnages.

Economic factors highly effect consumption and disposal. The initial drop off in disposal due to the recession greatly reduced Marin's disposal figures. Food scrap composting programs, Construction and Demolition Ordinances and other Zero Waste related programs have already begun to curb disposal as the economy has grown stronger. To meet the JPA's Zero Waste goals the JPA and its member agencies should continue to improve and implement new waste reduction programs.

Attachment

Annual Report Summary: Marin County Hazardous and Solid Waste Management Authority (2011)

This Annual Report Summary is an official record of your CalRecycle Electronic Annual Report submission, except for your Venue/Event section information, which is contained in a separate report. You may reach that section from the Electronic Annual Report's left navigation bar.

Before submitting your report to CalRecycle, please take the time to review everything on this page to confirm it is complete and correct. If you need to modify some information, close this window to return to the Electronic Annual Report to make your corrections. Then, preview the report again.

Summary Generated On: Thursday, August 09, 2012 at 10:00 AM

Summary	Jurisdiction Contact
Jurisdiction: Marin County Hazardous and Solid Waste Management Authority Report Year 2011 Filed: Report Status: Submitted	Jurisdiction Alex Soulard Contact: Address: PO Box 4186 San Rafael, CA 94913-4186 Phone (415) 499-4298 Number: Fax Number: Email Address: Asoulard@co.marin.ca.us Update http://www.calrecycle.ca.gov/LGCentral Contact Info: /Contacts/ContactChg.htm
Submitted Information	
Date Report Wednesday, August 01, 2012 at 10:46 Submitted: AM Report Submitted Alexander Soulard By: (asoulard@marincounty.org)	

Disposal Rate Calculation

Definition of Terms

Reporting-Year Disposal Amount (tons) – defaults to the total tonnage disposed in the Reporting-Year by a jurisdiction as reported to the Disposal Reporting System (DRS). Disposal contains all jurisdiction waste that was disposed in CA landfills, transformation facilities, and exported out-of-state. Any changes will require you submit a [Reporting Year Disposal Modification Certification Sheet \(PDF\)](#). See [User's Guide](#) or contact LAMD representative if uncertain.

Disposal Reduction Credits – the EAR calculator will subtract these credits from your requested total in the Reporting-Year Disposal Amount field. Requesting credits will require you submit a [Reporting Year Disposal Modification Certification Sheet \(PDF\)](#). Descriptions of these credits can be found on that sheet. See [EAR User's Guide](#) or contact LAMD representative if uncertain.

Reporting-Year Transformation Waste (tons) – defaults to the total tonnage of waste sent in the Reporting-Year by a jurisdiction to a CalRecycle-permitted transformation facility as reported to the Disposal Reporting System (DRS). Transformation is factored into the Per Capita rate only, and is not deductible. To eliminate the Per Capita credit for transformation tonnage, change the *Reporting-Year Transformation Waste (tons)* number to 0.00.

Reporting-Year Population – January 1st estimate of the number of inhabitants occupying a jurisdiction in the Reporting-Year as prepared by the California Department of Finance (DOF)

Reporting-Year Employment – the estimate of the annual average number of employees by jurisdiction in the Reporting-Year as prepared by the California Employment Development Department (EDD)

Additional Definitions – for additional definitions and/or acronym descriptions, see the [LGCentral Glossary](#).

Reporting-Year Disposal Amount (tons):	174,532.11
Disposal Reduction Credits (Reported):	
Disaster Waste (tons):	0.00
Medical Waste (tons):	0.00
Regional Diversion Facility Residual Waste (tons):	0.00
C&D Waste (tons):	0.00
Class II Waste (tons):	0.00
Out-of-State Export (Diverted) (tons):	0.00
Other Disposal Amount (tons):	0.00
Total Disposal Reduction Credit Amount (tons):	0

Total Adjusted Reporting-Year Disposal Amount (tons):		174,532.00	
Reporting-Year Transformation Waste (tons):		17.83	
REPORTING ENTITY	QUARTER	DESTINATION FACILITY	TRANSFORMATION TON
Stanislaus	1	Covanta Stanislaus, Inc.	07.78
Stanislaus	2	Covanta Stanislaus, Inc.	06.65
Stanislaus	3	Covanta Stanislaus, Inc.	02.03
Stanislaus	4	Covanta Stanislaus, Inc.	01.37
Page 1 of 1		Export To Excel	Count: 4
Reporting-Year Population:		254,692	
Reporting-Year Employment:		101,494	
<u>Reporting-Year Calculation Results (Per Capita)</u>			
		Population	Employment
		<u>Target</u> <u>Annual</u>	<u>Target</u> <u>Annual</u>
Disposal Rate without Transformation(pounds/person/day):		3.8	9.4
Transformation Rate (pounds/person/day):		1.5 0.0	3.5 0.0
The Calculated Disposal Rate (pounds/person/day):		7.6 3.8	17.3 9.4

Calculation Factors

If any boxes are checked, please complete, and sign the Reporting Year Disposal Modification Certification Sheet and mail, e-mail or FAX to CalRecycle within 7 business days of submitting your report. If you are only claiming report-year disposal deductions for waste transported to a certified Transformation facility, you do not need to fill out the certification request.

Although you will be able to submit your electronic Annual Report without completing this sheet, your Annual Report will not be deemed complete until this sheet is completed and received by CalRecycle. Contact your LAMD representative for details.

- ☐ Alternative disposal tonnage
- ☐ Deductions to DRS disposal tonnage

Questions and Responses**Rural Petition for Reduction in Requirements****Rural Petition For Reduction**

- 1. Question:** Was your jurisdiction granted a Rural Petition for Reduction by CalRecycle?
For more information regarding Rural Petition For Reduction, go to Rural Solid Waste Diversion Home Page.

Response

No.

Newly Incorporated Cities**New City**

- 1. Question:** Since the date of your last Annual Report, are there any newly incorporated cities within your county/regional agency?

Response

No.

Disposal Rate Accuracy

Disposal Rate Accuracy

- 1. Question:** Are there extenuating circumstances pertaining to your jurisdiction's disposal rate that CalRecycle should consider, as authorized by the Public Resources Code Section 41821(c)? If you wish to attach additional information to your annual report, please send those items or electronic files to your LAMD representative; include a brief description of those files below. If so, please use the space below to tell CalRecycle.

Response

No.

Planning Documents Assessment

Source Reduction and Recycling Element (SRRE)

- 1. Question:** Does the SRRE need to be revised?

Response

No.

Household Hazardous Waste Element (HHWE)

- 2. Question:** Does the HHWE need to be revised?

Response

No.

Non-Disposal Facility Element (NDFE)

- 3. Question:** Describe below any changes in the use of nondisposal facilities, both existing and planned (e.g., is the jurisdiction using a different facility within or outside of the jurisdiction, has a facility closed, is a new one being planned).

Response

No response has been entered

Non-Disposal Facility Element (NDFE)

- 4. Question:** Are there currently any nondisposal facilities that require a solid waste facility permit located (or planned to be sited) in your jurisdiction that are not identified in your NDFE?

Response

No. No facilities that require a solid waste facility permit have been added in Marin. However, three Enforcement Agency Notification Permits have been issued to composting operations. The first is West Marin Compost located at 6290 Nicasio Valley Road, Nicasio, CA 94946 which can compost up to 200 cubic yards a day and up to 20,000 annually of equine/cow manure and greenwaste. Second is the Point Reyes Compost Co. LLC located at Giacomini Dairy 14700 State Hwy 1, Point Reyes, CA 94956 which can compost 12 cubic yards a day and 6000 cubic yards a year of site generated cow manure and rice hulls. Lastly, is the Thermopile Research Composting project located at 250 Road to Ranches, Nicasio, CA 94946 which is a research operation that is allowed to compost 27 cubic yards of manure, sewage and green material to monitor microbes.

Summary Plan Assessment

Summary Plan

- 1. Question:** Does the Summary Plan need to be revised?

Response

No.

Siting Element Assessment

Total County or Agency Wide Disposal Capacity

1. **Question:** Based on the best available estimates of current and future disposal, how many years of disposal capacity does your county or regional agency have?

Response

25

Total County or Agency Wide Disposal Capacity

2. **Question:** If you do not currently have 15 years of disposal capacity, describe your strategy for obtaining 15 years of capacity.

Response

No response has been entered

Siting Element Adequacy

3. **Question:** Does the Siting Element need to be revised? The Siting Element will need to be revised if you have less than 15 years disposal capacity and have not described a strategy for obtaining 15 years disposal capacity.

Response

No. Under the assumption of maximum fill rates the JPA estimated it may be nearing its 15 year disposal capacity requirement. In FY 11/12 the JPA hired Environmental Science Associates (ESA), who also completed the EIR for Redwood Landfill's 2008 Solid Waste Facilities Permit. ESA ran several projections of site life with average fill and compaction rates, and increased diversion programs. The report, which is electronically attached to this report and available by contacting JPA Staff, concluded that by 2027 Redwood Landfill will have 3.1 million tons of remaining capacity and will run out of permitted capacity in 2036 based on reasonable assumptions which will continue to be monitored.

Areas of Concern / Conditional Approvals

Areas of concern

1. **Question:** Did CalRecycle require your jurisdiction to address any areas of concern when determining the adequacy of your solid waste planning documents, or any of their elements?

Response

No.

Conditional approvals

2. **Question:** Did CalRecycle give conditional approval to any of your solid waste planning documents, or any of their elements?

Response

No.

Additional Information

Additional Information

1. **Question:** Is there anything else you would like to tell CalRecycle about unique or innovative efforts by your jurisdiction to reduce waste generation and increase diversion, about your jurisdiction's public education efforts, or about specific obstacles to reaching your jurisdiction's diversion goal? If you wish to attach additional information to your annual report, please send those items or electronic files to your LAMD representative and include a brief description of those files below.

Response

No.

SRRE and HHWE Diversion Programs**1000-SR-XGC (Xeriscaping/Grasscycling)**

Current Status: SO - Selected and Ongoing

Program Start Year: 1992

Existed before 1990: No

Report Year Diversion Tons: 0.00

Selected in SRRE: Yes

Owned or Operated: No

Jurisdiction Notes**1010-SR-BCM (Backyard and On-Site Composting/Mulching)**

Current Status: SO - Selected and Ongoing

Program Start Year: 1993

Existed before 1990: No

Report Year Diversion Tons: 0.00

Selected in SRRE: Yes

Owned or Operated: No

Jurisdiction Notes

The College of Marin composting classes were disbanded to simplify and streamline the program and registration. The program is still staffed by the same individuals but has been moved to the Green Point Nursery demonstration garden in Novato. The program will still provide subsidized bins and students will have the option of selecting traditional compost bin or a vermicomposting system.

1020-SR-BWR (Business Waste Reduction Program)

Current Status: SO - Selected and Ongoing

Program Start Year: 1990

Existed before 1990: Yes

Report Year Diversion Tons: 0.00

Selected in SRRE: Yes

Owned or Operated: No

Jurisdiction Notes

The JPA began its AB341 outreach with a letter to haulers and provided suggested outreach materials to distribute to commercial and multifamily entities. Staff will formulate a more complete outreach program to these customers and will incorporate the use of Zero Waste Outreach materials.

1030-SR-PMT (Procurement)

Current Status: SO - Selected and Ongoing

Program Start Year: 1992

Existed before 1990: Yes

Report Year Diversion Tons: 0.00

Selected in SRRE: Yes

Owned or Operated: Yes

Jurisdiction Notes

The JPA has moved to make its outreach materials mostly digital to avoid overprinting of outreach materials. Incorporating feedback from the Local Task Force the JPA is developing downloadable outreach kits that can be printed by member agencies and community groups.

1040-SR-SCH (School Source Reduction Programs)

Current Status: AO - Alternative and Ongoing	Program Start Year: 2000	Existed before 1990: No
Report Year Diversion Tons: 0.00		Selected in SRRE: No
		Owned or Operated: Yes

Jurisdiction Notes

The ZunZun Zero Waste Outreach, school assembly, program at local schools and community events has spread the Zero Waste message to over 4,000 students this past year. Additionally, the Conservation Corps North Bay (CCNB) has set up green teams at local schools that coordinate and encourage recycling and waste reduction. This program has reached 3,176 children in the past year.

1050-SR-GOV (Government Source Reduction Programs)

Current Status: SO - Selected and Ongoing	Program Start Year: 1990	Existed before 1990: Yes
Report Year Diversion Tons: 0.00		Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes

The JPA has continued to push member cities to adopt the JPA Tool Kit documents and has had 6 cities adopt a revised Construction and Demolition Ordinance. Additionally, the JPA is active in support state and federal waste reduction and EPR legislation and circulates letters of support to member and regional agencies.

1060-SR-MTE (Material Exchange, Thrift Shops)

Current Status: SO - Selected and Ongoing	Program Start Year: 1990	Existed before 1990: Yes
Report Year Diversion Tons: 0.00		Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes

After evaluating the use of MarinMax the website was taken down. The JPA is now promoting use of Craigslist, Freecycle, and other exchange sites. The domain name now redirects to www.zerowastemarin.org to promote other programs.

2000-RC-CRB (Residential Curbside)

Current Status: SO - Selected and Ongoing	Program Start Year: 1982	Existed before 1990: Yes
Report Year Diversion Tons: 50138.66		Selected in SRRE: Yes
		Owned or Operated: No

Selected Program Details: Multi-family residences | Single-family residences | Commingled (Single-stream) | Glass | Metal | Miscellaneous paper (includes phone books, catalogs, magazines and other paper) | Newspaper | Office paper (white & colored ledger, computer paper, other office paper) | Plastic 1-2 | Uncoated corrugated cardboard and paper bags

Jurisdiction Notes**2010-RC-DRP (Residential Drop-Off)**

Current Status: SO - Selected and Ongoing	Program Start Year: 1992	Existed before 1990: Yes
---	--------------------------	--------------------------

Report Year Diversion Tons: 0.00 Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes**2020-RC-BYB (Residential Buy-Back)**

Current Status: SO - Selected and Ongoing Program Start Year: 1982 Existed before 1990: Yes
Report Year Diversion Tons: 4078.25 Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes**2030-RC-OSP (Commercial On-Site Pickup)**

Current Status: SO - Selected and Ongoing Program Start Year: 1992 Existed before 1990: Yes
Report Year Diversion Tons: 0.00 Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes

The JPA has begun its AB341 outreach to haulers with sample outreach materials to distribute to commercial and multifamily entities. Additional reports and information will be available on this program as it develops within the next year.

2050-RC-SCH (School Recycling Programs)

Current Status: SO - Selected and Ongoing Program Start Year: 1992 Existed before 1990: No
Report Year Diversion Tons: 0.00 Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes

The ZunZun Zero Waste Outreach, school assembly, program at local schools and community events has spread the Zero Waste message to over 4,000 students this past year. Additionally, the Conservation Corps North Bay (CCNB) has set up green teams at local schools that coordinate and encourage recycling and waste reduction. This program has reached 3,176 children in the past year.

2060-RC-GOV (Government Recycling Programs)

Current Status: SO - Selected and Ongoing Program Start Year: 1990 Existed before 1990: Yes
Report Year Diversion Tons: 1614.35 Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes

The JPA has stopped requesting information and tracking tonnages of member cities engineering and public works programs to focus on implementation of new waste reduction programs. Since this material will be reused and recycled anyhow staff is allocating time to time sensitive programs.

2070-RC-SNL (Special Collection Seasonal (regular))

Current Status: AO - Alternative and Ongoing Program Start Year: 1988 Existed before 1990: No
Report Year Diversion Tons: 0.00 Selected in SRRE: No
Owned or Operated: No

Jurisdiction Notes**2080-RC-SPE (Special Collection Events)**

Current Status: SO - Selected and Ongoing Program Start Year: 1994 Existed before 1990: No
Report Year Diversion Tons: 0.00 Selected in SRRE: Yes
Owned or Operated: Yes

Jurisdiction Notes**3000-CM-RCG (Residential Curbside Greenwaste Collection)**

Current Status: SO - Selected and Ongoing Program Start Year: 1993 Existed before 1990: No
Report Year Diversion Tons: 34425.93 Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes

All residential areas of the County, excluding a few small unincorporated areas, have residential food scrap composting at this point. Haulers will begin to target collection of commercial food waste in the near future.

3010-CM-RSG (Residential Self-haul Greenwaste)

Current Status: SO - Selected and Ongoing Program Start Year: 1993 Existed before 1990: No
Report Year Diversion Tons: 2228.34 Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes

The West Marin Compost Facility in Nicasio opened, which accepts public green waste that is composted along with equine and cow manures and used on site.

3030-CM-CSG (Commercial Self-Haul Greenwaste)

Current Status: SO - Selected and Ongoing Program Start Year: 1993 Existed before 1990: No
Report Year Diversion Tons: 0.00 Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes**3050-CM-SCH (School Composting Programs)**

Current Status: AO - Alternative and Ongoing Program Start Year: 2000 Existed before 1990: No
Report Year Diversion Tons: 0.00 Selected in SRRE: No
Owned or Operated: No

Jurisdiction Notes**4010-SP-SLG (Sludge (sewage/industrial))**

Current Status: SO - Selected and Ongoing Program Start Year: 1995 Existed before 1990: No
Report Year Diversion Tons: 4412.06 Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes**4020-SP-TRS (Tires)**

Current Status: SO - Selected and Ongoing Program Start Year: 1990 Existed before 1990: Yes
Report Year Diversion Tons: 9.76 Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes

The JPA hosted one tire amnesty drop off event in spring of 2011 at the Public Works Corp Yard in Nicasio and at the Marin Resource Recovery Facility in San Rafael.

4030-SP-WHG (White Goods)

Current Status: AO - Alternative and Ongoing Program Start Year: 1996 Existed before 1990: No
Report Year Diversion Tons: 48.18 Selected in SRRE: No
Owned or Operated: No

Jurisdiction Notes**4040-SP-SCM (Scrap Metal)**

Current Status: SO - Selected and Ongoing Program Start Year: 1989 Existed before 1990: Yes
Report Year Diversion Tons: 114.04 Selected in SRRE: Yes
Owned or Operated: Yes

Jurisdiction Notes**4050-SP-WDW (Wood Waste)**

Current Status: SO - Selected and Ongoing Program Start Year: 1993 Existed before 1990: Yes

Report Year Diversion Tons:
232.67

Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes**4060-SP-CAR (Concrete/Asphalt/Rubble)**

Current Status: SO - Selected and Ongoing

Program Start Year: 1990
Report Year Diversion Tons:
80035.34

Existed before 1990: Yes
Selected in SRRE: Yes
Owned or Operated: No

Selected Program Details: Asphalt Paving | Concrete/cement | Mixed C + D | Rock, soils and fines

Jurisdiction Notes

The JPA had six member agencies adopt the model Construction and Demolition Ordinance. Those cities were Mill Valley, San Rafael, Larkspur, San Anselmo, Ross and Tiburon. JPA staff solicited applications from and certified facilities that met the requirements of the ordinance.

4090-SP-RND (Rendering)

Current Status: SO - Selected and Ongoing

Program Start Year: 1990
Report Year Diversion Tons: 0.00

Existed before 1990: No
Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes**5000-ED-ELC (Electronic (radio ,TV, web, hotlines))**

Current Status: SO - Selected and Ongoing

Program Start Year: 1994
Report Year Diversion Tons: 0.00

Existed before 1990: No
Selected in SRRE: Yes
Owned or Operated: Yes

Jurisdiction Notes

The JPA has continued working with the Hive Advertising to continue advertising online and on television. However, the program has been modified to include bus shelter ads, a reusable bag as an incentive for program participation, and development of a downloadable outreach kits that will be available to member agencies and community groups to print as needed.

5010-ED-PRN (Print (brochures, flyers, guides, news articles))

Current Status: SO - Selected and Ongoing

Program Start Year: 1992
Report Year Diversion Tons: 0.00Existed before 1990: Yes
Selected in SRRE: Yes
Owned or Operated: No**Jurisdiction Notes**

After receiving feedback from community groups about a lack of printed materials in the JPA's Zero Waste Outreach Campaign, the JPA has posted downloadable versions of outreach materials that can be tailored by community groups and municipalities. These materials will continue to be updated and staff has suggested that the cities utilize Zero Waste Grant funds for the printing of these materials. The JPA also stopped producing the Phone Book Recycling Guide and is waiting for the Regional Recycling Database (RecycleWhere?) to come online.

5020-ED-OUT (Outreach (tech assistance, presentations, awards, fairs, field trips))

Current Status: SO - Selected and Ongoing

Program Start Year: 1994
Report Year Diversion Tons: 0.00Existed before 1990: Yes
Selected in SRRE: Yes
Owned or Operated: Yes**Jurisdiction Notes**

The JPA has added a free reusable bag incentive to www.ZeroWasteMarin.org to encourage people to sign up for Zero Waste Challenges. JPA staff have also distributed bags through community groups and at community events. ZunZun continues to make Zero Waste presentations at the County Fair and at elementary schools.

5030-ED-SCH (Schools (education and curriculum))

Current Status: SO - Selected and Ongoing

Program Start Year: 1993
Report Year Diversion Tons: 0.00Existed before 1990: Yes
Selected in SRRE: Yes
Owned or Operated: No**Jurisdiction Notes**

The ZunZun Zero Waste Outreach, school assembly, program at local schools and community events has spread the Zero Waste message to over 4,000 students this past year. Additionally, the Conservation Corps North Bay (CCNB) has set up green teams at local schools that coordinate and encourage recycling and waste reduction. This program has reached 3,176 children in the past year.

6010-PI-EIN (Economic Incentives)

Current Status: SO - Selected and Ongoing

Program Start Year: 1993
Report Year Diversion Tons: 0.00Existed before 1990: No
Selected in SRRE: Yes
Owned or Operated: No

Selected Program Details: Franchise Fee | Grant | Variable can rate/Quantity based user fee

Jurisdiction Notes

The JPA started a Grant Program in FY 10/11 that focused on implementation of the JPA Tool Kit at member agencies. The first year of the grant was a success with the adoption of these Tool Kit documents, including adoption of the Construction and Demolition Ordinance by 6 member agencies.

6020-PI-ORD (Ordinances)

Current Status: AO - Alternative and Ongoing

Program Start Year: 2000
Report Year Diversion Tons: 0.00Existed before 1990: No
Selected in SRRE: No
Owned or Operated: Yes

Selected Program Details: C & D ordinance | Mandatory commercial recycling | Mandatory multi-family recycling | Mandatory waste collection

Jurisdiction Notes

Mill Valley, San Rafael, Larkspur, San Anselmo, Tiburon and Ross all adopted the JPA's new Construction and Demolition Model Ordinance as part of the JPA Grant Program. JPA staff took the role of certifying the facilities that are approved for use under the new ordinance.

7000-FR-MRF (MRF)

Current Status: SO - Selected and Ongoing

Program Start Year: 1993
Report Year Diversion Tons:
99566.71

Existed before 1990: Yes
Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes**7010-FR-LAN (Landfill)**

Current Status: AO - Alternative and Ongoing

Program Start Year: 1996
Report Year Diversion Tons:
88799.40

Existed before 1990: No
Selected in SRRE: No
Owned or Operated: No

Jurisdiction Notes**7020-FR-TST (Transfer Station)**

Current Status: SO - Selected and Ongoing

Program Start Year: 1990
Report Year Diversion Tons: 0.00

Existed before 1990: Yes
Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes**7030-FR-CMF (Composting Facility)**

Current Status: SO - Selected and Ongoing

Program Start Year: 1990
Report Year Diversion Tons:
38468.84

Existed before 1990: Yes
Selected in SRRE: Yes
Owned or Operated: No

Jurisdiction Notes**7040-FR-ADC (Alternative Daily Cover)**

Current Status: AO - Alternative and Ongoing	Program Start Year: 1995	Existed before 1990: No
	Report Year Diversion Tons: 18746.21	Selected in SRRE: No
		Owned or Operated: No

Jurisdiction Notes**8010-TR-BIO (Biomass)**

Current Status: SO - Selected and Ongoing	Program Start Year: 1990	Existed before 1990: Yes
	Report Year Diversion Tons: 28236.17	Selected in SRRE: Yes
		Owned or Operated: No

Jurisdiction Notes

All reported biomass for 2011 came from Marin Sanitary operations.

8020-TR-TRS (Tires)

Current Status: AO - Alternative and Ongoing	Program Start Year: 1999	Existed before 1990: No
	Report Year Diversion Tons: 0.00	Selected in SRRE: No
		Owned or Operated: No

Jurisdiction Notes**9000-HH-PMF (Permanent Facility)**

Current Status: SO - Selected and Ongoing	Program Start Year: 1993	Existed before 1990: Yes
	Report Year Diversion Tons: 0.00	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes**9010-HH-MPC (Mobile or Periodic Collection)**

Current Status: SO - Selected and Ongoing	Program Start Year: 1986	Existed before 1990: Yes
	Report Year Diversion Tons: 0.00	Selected in SRRE: Yes
		Owned or Operated: Yes

Jurisdiction Notes**9020-HH-CSC (Curbside Collection)**

Current Status: SO - Selected and Ongoing	Program Start Year: 1992	Existed before 1990: No
	Report Year Diversion Tons: 0.00	Selected in SRRE: Yes

Owned or Operated: No

Jurisdiction Notes**9040-HH-EDP (Education Programs)**

Current Status: SO - Selected and Ongoing

Program Start Year: 1991

Existed before 1990: Yes

Report Year Diversion Tons: 0.00

Selected in SRRE: Yes

Owned or Operated: Yes

Jurisdiction Notes**9045-HH-EWA (Electronic Waste)**

Current Status: SO - Selected and Ongoing

Program Start Year: 1995

Existed before 1990: No

Report Year Diversion Tons: 0.00

Selected in SRRE: No

Owned or Operated: No

Jurisdiction Notes

MARIN COUNTY HAZARDOUS AND SOLID WASTE MANAGEMENT JOINT POWERS AUTHORITY

Belvedere:
Vacant

Date: August 23, 2012

Corte Madera:
David Bracken

To: JPA Board Members

From: Steve Devine, Program Manager

County of Marin:
Matthew Hymel

Re: Zero Waste Grants Update

Fairfax:
Judy Anderson

Larkspur:
Dan Schwarz

Mill Valley:
Jim McCann

Novato:
Michael Frank

Ross:
Rob Braulik

San Anselmo:
Debbie Stutsman

San Rafael:
Nancy Mackle

Sausalito:
Adam Politzer

Tiburon:
Margaret Curran

In early 2011 an Executive Committee Grant Subcommittee comprised of George Rodericks and Ken Nordhoff developed Zero Waste Grant program guidelines with input from the Alameda County Waste Management Authority and JPA Local Task Force. The Zero Waste Grant program was adopted by your Executive Committee in February 2011 and \$245,111 in funding was made available, allocated by city population or \$3,500 to special districts. Seven applications totaling \$162,864 were received from: Fairfax, Larkspur, Ross, San Anselmo, San Rafael, Tiburon, and the County.

FY 10/11 grant applications included a variety of activities with most including: adoption of a Zero Waste Resolution, Construction & Demolition Ordinance, and/or Multi-Family & Commercial Recycling Ordinance. Grantees were required to submit a Final Report which identified the use of funds and a description of how the funds reduced waste. Five grantees enacted construction and demolition debris ordinances. Members including San Anselmo, Fairfax and the County used portions of their funds to provide composting and waste reduction workshops for adults and school age children. The FY 10/11 Zero Waste Grant Program concluded May 2012. Following direction from the January 2012 JPA Board meeting, the JPA Executive Officer reviewed and approved all Grant Final Reports, and Grantees were reimbursed in June 2012.

Year two of the Zero Waste Grant Program (FY11/12) was released in March 2012 with \$255,000 in funding and \$82,247 carried over from FY10/11. Ten applications totaling \$260,253 were received from: Belvedere, the County of Marin, Fairfax, Mill Valley, San Anselmo, San Rafael, Sausalito, Tiburon, Almonte Sanitary District and Tamalpais Community Service District.

FY 11/12 grant activities include implementation of Zero Waste Resolutions or C&D Ordinances, as well as community outreach and workshops. Fairfax will be implementing a Pharmaceutical Take-Back Program and Mill Valley will be implementing 13 various waste reduction programs. Progress Reports will be due December 2012, the grant term ends June 2013 and Final Reports are due in July 2013.

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